



MAR 25 2015

Mr. Ben Cuthbertson
CertainTeed Corporation
17775 Avenue 23 1/2
Chowchilla, CA 93610

**Re: Notice of Minor Title V Permit Modification
District Facility # C-261
Project # C-1150848**

Dear Mr. Cuthbertson:

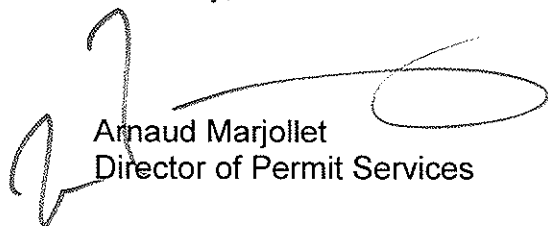
Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued ATC C-261-32-0 (under project C-1142842) into the Title V operating permit. The purpose of the project is to install a 183 bhp Tier 3-certified diesel-fired emergency IC engine powering a firewater pump.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued ATC C-261-32-0, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Thank you for your cooperation in this matter.

Sincerely,


Arnaud Marjollet
Director of Permit Services

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

TITLE V APPLICATION REVIEW

Minor Modification
Project #: C-1150848

Engineer: Sandra Lowe-Leseth
Date: March 24, 2015

Facility Number: C-261
Facility Name: CertainTeed Corporation
Mailing Address: 17775 Avenue 23 1/2
Chowchilla, CA 93610

Contact Name: Ben Cuthbertson
Phone: 559-665-4831

Responsible Official: Matthey Prue
Title: Plant Manager

I. PROPOSAL

CertainTeed Corporation is proposing a Title V minor permit modification to incorporate recently issued Authority to Construct (ATC) C-261-32-0 (under project C-1142842) into the Title V operating permit. The applicant installed a 183 bhp Tier 3-certified diesel-fired emergency engine powering a firewater pump.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The facility is located at 17775 Avenue 23 ½ in Chowchilla, CA.

III. EQUIPMENT DESCRIPTION

C-261-32-1: 183 BHP (INTERMITTENT) CLARKE MODEL JU6H-UFAD58 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

CertainTeed Corporation installed a diesel-fired emergency engine to power a firewater pump. Because this project establishes a new permit unit, there is no current Permit to Operate (PTO) for the unit. The following analysis will compare the ATC conditions to the proposed Permit to Operate (PTO) conditions.

Condition #1 of the ATC requires that the applicant apply to modify their current Title V permit to include the unit in the Title V permit in accordance with the timeframes and procedures of District Rule 2520. Operator has submitted an application to modify the facility's Title V operating permit. Application is included in Appendix D of this document.

All other conditions of the ATC will be included in the Title V permit without change.

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include;

- a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. C-261-32-1
- B. Authority to Construct No. C-261-32-0
- C. Emissions Increases
- D. Application

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
C-261-32-1

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-261-32-1

EXPIRATION DATE: 05/31/2016

EQUIPMENT DESCRIPTION:

183 BHP (INTERMITTENT) CLARKE MODEL JU6H-UFAD58 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

PERMIT UNIT REQUIREMENTS

1. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
4. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102] Federally Enforceable Through Title V Permit
5. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
6. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
7. Emissions from this IC engine shall not exceed any of the following limits: 2.7 g-NOx/bhp-hr, 0.9 g-CO/bhp-hr, or 0.1 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
8. Emissions from this IC engine shall not exceed 0.1 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled event caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems". Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
13. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT B

Authority to Construct No.
C-261-32-0



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT


HEALTHY AIR LIVING™

 **COPY**

AUTHORITY TO CONSTRUCT

PERMIT NO: C-261-32-0

ISSUANCE DATE: 11/25/2014

LEGAL OWNER OR OPERATOR: CERTAINTIED CORPORATION

MAILING ADDRESS: 17775 AVENUE 23 1/2
CHOWCHILLA, CA 93610

LOCATION: 17775 AVENUE 23 1/2
CHOWCHILLA, CA 93610

EQUIPMENT DESCRIPTION:

183 BHP (INTERMITTENT) CLARKE MODEL JU6H-UFAD58 TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

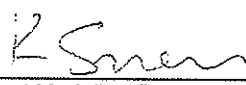
CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115 and 40 CFR 60 Subpart IIII]
7. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702]
8. Emissions from this IC engine shall not exceed any of the following limits: 2.7 g-NOx/bhp-hr, 0.9 g-CO/bhp-hr, or 0.1 g-VOC/bhp-hr. [District Rule 2201 and 13 CCR 2423 and 17 CCR 93115 and 40 CFR 60 Subpart IIII]
9. Emissions from this IC engine shall not exceed 0.1 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102 and 13 CCR 2423 and 17 CCR 93115]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

C-261-32-0 - Nov 25 2014 9:03AM - GARCIAJ - Joint Inspection NOT Required

10. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 60 Subpart IIII]
11. An emergency situation is an unscheduled event caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702]
12. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems". Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702 and 17 CCR 93115]
13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702 and 17 CCR 93115]

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	VOC	CO	SOx	PM10
C-261-32-1	109	4	36	0	4
TOTAL	109	4	36	0	4

ATTACHMENT D

Application



March 11, 2015

Stanley Tom
Senior Air Quality Engineer
San Joaquin Valley Air Pollution Control District
1990 E. Gettysburg Avenue
Fresno, CA 93726

RECEIVED

MAR 16 2015

Permits Services
SJVAPCD

**Re: Title V Minor Modification for New Emergency Fire Pump Engine
CertainTeed Corporation (Chowchilla, CA)
Facility C-261**

Dear Mr. Tom:

CertainTeed Corporation owns and operates an existing fiberglass production facility located in Chowchilla, California. With this application, CertainTeed proposes a minor modification to its current Title V permit to include a new permit for an emergency fire pump engine.

Thank you in advance for your consideration. Please contact me at (510) 420-2540 regarding this matter, or contact Ben Cuthbertson at CertainTeed at (559) 201-3688.

Sincerely,

A handwritten signature in black ink, appearing to read "S Branoff", written over a horizontal line.

Steven Branoff
Principal

Enclosures

San Joaquin Valley Air Pollution Control District

www.valleyair.org

MAR 16 2015

Permit Application For:


Permits Services

☐ ADMINISTRATIVE AMENDMENT

☒ MINOR MODIFICATION

☐ SIGNIFICANT MODIFICATION

SVAPCD

1. PERMIT TO BE ISSUED TO: CertainTeed Corporation	
2. MAILING ADDRESS:	
STREET/P.O. BOX: 17775 Avenue 23 1/2	
CITY: Chowchilla	STATE: CA 9-DIGIT ZIP CODE: 93610
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:	INSTALLATION DATE:
STREET: Same as above CITY: 1979	
1/4 SECTION TOWNSHIP RANGE	
4. GENERAL NATURE OF BUSINESS: Fiberglass production	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary)	
C-261-32: Addition of new fire pump engine into Title V permit	
6. TYPE OR PRINT NAME OF APPLICANT:	TITLE OF APPLICANT:
Ben Cuthbertson	EHS Manager
7. SIGNATURE OF APPLICANT:	DATE:
	3.11.15
PHONE: (559) 665-4831	
FAX: (559) 665-3321	
EMAIL: Ben.D.Cuthbertson@saint-gobain.com	

For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ CHECK#: DATE PAID: PROJECT NO: C1150848 FACILITY ID: C261
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**San Joaquin Valley
Unified Air Pollution Control District**

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

☐ SIGNIFICANT PERMIT MODIFICATION
☒ MINOR PERMIT MODIFICATION

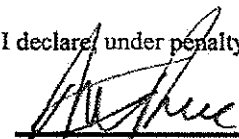
☐ ADMINISTRATIVE
AMENDMENT

COMPANY NAME: CertainTeed Corporation	FACILITY ID: C - 261
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: CertainTeed Corporation	
3. Agent to the Owner:	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- ☒ Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- ☒ Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- ☒ Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- ☒ Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:



Signature of Responsible Official

Matthew Prue

Name of Responsible Official (please print)

Plant Manager

Title of Responsible Official (please print)

3/11/15
Date